

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-143/HYD

Mine code : 38APR11072

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SANJEEVA RAIDU REP.OF LESSEE
Official with
Designation
- (iv) Date of Inspection : 19/08/2016
- (v) Prev.inspection date : 06/10/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **YERRAGUDI**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village : ERRAGUDI
Taluka : BANAGANAPALLE
Post office : BANAGANAPALLE
Pin Code : 518124
FAX No. :
E-mail :
Phone :
- (f) Police Station : BANGANAPALLI
- (g) First opening date : 30/10/2000
- (h) Weekly day of rest : SUN
2. Address for : SMT.N.SAKUNTALAVANI
correspondance : MINE OWNER,NEAR OLD BUS STAND
BANGANAPALLI,KURNOOL DISTRICT
3. (a) Lease Number : APR1254
- (b) Lease area : 11.78
- (c) Period of lease : 20
- (d) Date of Expiry : 11/05/1985
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : N.SAKUNTALA VANI
W/O N.DAKSHINAMURTHY NEAR
OLD BUS STAND BANAGANAPALLI
KURNOOL ANDHRA PRADESH
Phone:
FAX :

Owner : N.SAKHUNTALAVANI
BANGANAPALLI OLD BUS STAND
ROAD KURNOOL ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 16/08/2000
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There are no valid approved proposals exists	-	The Mining Plan approved on the last occasion had lapsed on 31.3.2005. A violation cum Showcause notice in this regard was issued on 12.1.2012 and subsequently the mining operations were suspended on account of non compliance of Rule 12(3) and 13(1) of MCDR 1988 vide this Office lr.no.AP/KNL/Lst-143/Hyd dated 13.12.2013.
1b	Exploration over lease area for geological axis 1 or 2	No valid approved proposals exists.	The ML area is under G3 Scale of exploration.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid approved proposals exists.	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid approved proposals exists.	The entire ML area need to be explored.	
1e	Balance reserve as on 01/04/20	No valid approved proposals exists.	Total extent i.e 1.61 ha	
1f	General remarks of inspecting officers on geology, exploration etc	No valid approved proposals exists.	The ML area possess simple bedded sedimentary deposit. The area need to be explored to G1/G2 scale of exploration.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No valid approved proposals exists.	-	The mining operations are under suspension since 13.2.2013.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid approved proposals exists.	There exists separate benches Top soil/OB and Limestone.	
2c	Stripping ratio or ore to OB ratio	No valid approved proposals exists.	1:0.4	A thin mantle of Soil/ob exists.
2d	Quantity of topsoil generation in m3	No valid approved proposals exists.	The mining operations have been confined to already degraded area.	
2e	Quantity of overburden generation in m3	No valid approved proposals exists.	-	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid approved proposals exists.	It is simple bedded sedimentary deposit. Separate benches in Ore and OB have been formed.	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No valid approved proposals exists.	There exist a single pit.	
3b	Quantity of ROM mineral production proposed	No valid approved proposals exists.	-	
3c	Recovery of saleable/usable mineral from ROM production	No valid approved proposals exists.	There is Cent percent recovery of Limestone.	
3d	Quantity of mineral reject generation	No valid approved proposals exists.	No mineral reject stack/dump has been observed.	
3e	Grade of mineral rejects generation and threshold value declared.	No valid approved proposals exists.	-	

3f	Quantity of sub grade mineral generation.	No valid approved proposals exists.	There is no subgrade generation.	
3g	Grade of sub grade mineral generation	No valid approved proposals exists.	-	
3h	Manual / Mechanised method adopted for segregating from ROM	No valid approved proposals exists.	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid approved proposals exists.	-	
3j	Provision of drilling and blasting in mineral benches	No valid approved proposals exists.	No drilling and blasing is practciied.	
3k	Provision of mining machineries in mineral benches	No valid approved proposals exists.	No mining machinary is deployed.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid approved proposals exists.	-	
3m	Total area covered under excavation/pits	No valid approved proposals exists.	0.07 ha	The area already degraded is 0.07 ha.
3n	Ore to OB ratio for the pit/mine during the year.	No valid approved proposals exists.	1:0.04	
3o	Total area put in use under different heads at the end of year	No valid approved proposals exists.	0.071 ha	
3p	Production of ROM mineral during the last five year period as applicable	No valid approved proposals exists. for the years 2011-12 to 2015-16.	2011-12=555 T, 2012-13=455 T, 2013-14= 0 T, 2014-15= 0 T, 2015-16= 0 T,	

3q General remarks of inspecting officers on method of mining etc. No valid approved proposals exists. Manual, opencast method of mining is adopted.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid approved proposals exists.	No top soil and overburden dumps exists.	-
4b	Location of topsoil, OB and mineral reject dumps	No valid approved proposals exists.	-	
4c	Number of dumps within lease area and outside of lease area	No valid approved proposals exists.	No dump exists.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid approved proposals exists.	No dumps exists in ML area.	
4e	Number of active and alive dumps.	No valid approved proposals exists.	Nil.	
4f	Number of dead dumps.	No valid approved proposals exists.	Nil.	
4g	Number of dumps established.	No valid approved proposals exists.	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid approved proposals exists.	Does not arise.	
4i	Length of Retaining wall or garland drain all along dumps	No valid approved proposals exists.	Does not arise.	
4j	Number of settling ponds	No valid approved proposals exists.	Nil.	

4k	Specific comments of inspecting officer on waste dump management	No valid approved proposals exists.	No waste dump exists and the mangement of waste dump does not arise.
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No valid approved proposals exists.	Full extraction of mineral is yet to happen.	
5b	Area under backfilling of mined out area	No valid approved proposals exists.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid approved proposals exists.	-	
5d	Total area fully reclaimed and rehabilitated	No valid approved proposals exists.	Nil.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid approved proposals exists.	The mineral is yet to exhaust and it is not matured for backfilling and reclamation.	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No valid approved proposals exists.	-	
6b	Area available for rehabilitation (ha) .	No valid approved proposals exists.	Nil.	

6c	afforestation done (ha).	No valid approved proposals exists.	-
6d	No. of saplings planted during the year	No valid approved proposals exists.	-
6e	Cumulative no .of plants	No valid approved proposals exists.	-
6f	Any other method of rehabilitation	No valid approved proposals exists.	-
6g	Cost incurred on watch and care during the year	No valid approved proposals exists.	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid approved proposals exists.	The area is yet to mature for reclamation and rehabilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid approved proposals exists.	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid approved proposals exists.	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid approved proposals exists.	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid approved proposals exists.	-

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid approved proposals exists.	The entire ML area is mineralised.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid approved proposals exists.	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid approved proposals exists.	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid approved proposals exists.	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid approved proposals exists.	The mineral is persistence at depth and there are progressive closure operations.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid approved proposals exists.	There is no sorting of mineral is done.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid approved proposals exists.	Manual.	
7c	Different grade of mineral sorted out at mines.	No valid approved proposals exists.	No sorting is done.	
7d	Any beneficiation process at mines .	No valid approved proposals exists.	No beneficiation process ios done at mine.	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid approved proposals exists.	The entire ROM as such is marketed. There is no beneficiation process involved.
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid approved proposals exists.	The mining operations are confined to already degraded land.	
8b	Concurrent use or storage of topsoil	No valid approved proposals exists.	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid approved proposals exists.	No waste dump and mineral reject exists in the ML area.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid approved proposals exists.	-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid approved proposals exists.	-	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid approved proposals exists.	No complimentary afforestation is done	
8g	Survival rate	No valid approved proposals exists.	-	

8h	Water sprinkling on roads to control airborne dust	No valid approved proposals exists.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid approved proposals exists.	No aesthetic beauty prevails in and around ML area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual and Monthly returns needs to be submitted for Preceeding Year/month with in the stipulated time.	No Annual and Monthly returns are submitted for Preceeding Year/month with in the stipulated time.	A violation of Rule 45(50(a)(viii) and 45(50(b)(viii) for non submission of reurns since April 2013. has been pointed out.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information need to be furnished in the Annual return.	No annual returns has been submitted.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information need to be furnished in the Annual return.	No information is furnished.	
9d	Scrutiny of Annual return on afforestation	Information need to be furnished in the Annual return.	No information is furnished.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Information need to be furnished in the Annual return.	No information is furnished.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information need to be furnished in the Annual return.	No ROM stock exists.	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Information need to be furnished in the Annual return.	No production is done sinve April 2013.
9h	Scrutiny of Annual return on fixed assets	Information need to be furnished in the Annual return.	-
9k	Scrutiny of Annual return on mining machineries	Information need to be furnished in the Annual return.	It is Manual mine. No machinary is deployed.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 45(1)(a)	05/10/2016				
Rule 45(5)(b)	05/10/2016				

Date :**(M.Pratap.Reddy)**

Indian Bureau of Mines